

Air Sourced Heat Pump Water Heater

Split Type



YASA-95HS
YASA-135HS

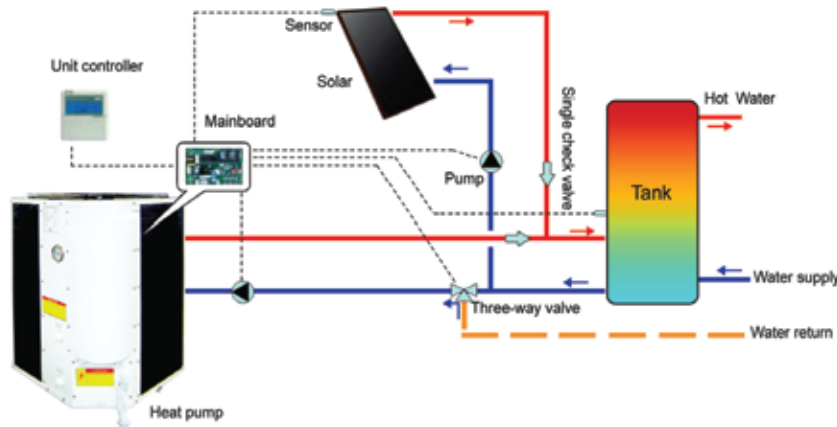


YASA-500HS
YASA-750HS

The YASA series is external-air to water heat pumps recovers heat contained in the ambient air and transfers it to the water via a refrigeration compression cycle. Only a fraction of the total thermal energy output of the heat pump is consumed as electrical energy. Heat pumps therefore provide an energy efficient alternative to conventional heating plants. The running cost can be as little as 25% of an electric water heaters.

The YASA series is one of our best-selling commercial type, it is popular with high efficiency, energy saving and environmentally friendly features. It is widely used in hot water project of school, hotel, hospital, etc.

Air Sourced Heat Pump Water Heater (R407c)



Model		YASA-95HS	YASA-135HS	YASA-195HS	YASA-270HS	YASA-500HS	YASA-750HS
Heating Capacity at 20°C Ambient temp.	W	12500	19500	30000	35000	60000	75000
COP at 20°C Ambient temp.		4.18	4.76	4.56	4.35	3.73	3.11
Heating Capacity ^{*(see note)}	W	10500	13500	25000	27000	50000	62500
Power Supply	V/PH/HZ	380V/3Ph/50HZ					
Input Power	KW	2.99	4.1	6.58	8.05	16.1	24.1
Running Current	A	5.3	8.4	12	13.8	25	33
Hot Water Generated	L/h	450	580	838	1460	2200	3500
Thermostat Factory Setting	°C	55					
Maximum water outlet temp.	°C	55					
Water Connection	inch	1	1	1.25	1.25	2	2
Water Flow Volume	M3/h	3	3.1	5	5	11	14
Refrigerant type / Compressor		R407c / Scroll					
Compressor Quantity		1	1	2	2	3	3
Refrigerant Weight	g	1600	3000	1800x2	2200x2	2800x3	3200x3
Pump Quantity	each	no					
Noise	dB(A)	58	58	60	60	61	61
Net Dimension (L*W*H)	mm	660*660*860	660*660*955	1450*700*1080	1450*700*1360	2150*764*1286	2150*764*1286
Packing Size (L*W*H)	mm	700*740*1010	700*740*1110	1630*810*1180	1630*810*1180	2270*830*1423	2270*830*1423
Net / Gross Weight	kg	99/109	108/123	229/249	250/280	350/400	400/455

*Note : Test conditions: Ambient temp. (DB/WB) 7°C/6°C, Water temp. (inlet/outlet) 30°C/35°C



Air Sourced Heat Pump Water Heater

Split Type



Model		YAGA-050HS	YAGA-100HS	YAGA-150HS	YAGA-200HS	
Photo						
Heating Capacity at 20°C	W	17400	32000	48000	67000	
COP at 30°C		4	3.8	3.7	3.7	
Heating Capacity	W	12500	25500	40000	55000	
	BTU	42600	87000	136500	188000	
Power Supply	V/PH/HZ	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	380~415V/3Ph/50Hz	
Input Power	W	4400	8600	13000	19000	
Running Current	A	7.6	14.5	21	30	
Water Flow Volume	L/h	2300	4600	9000	11500	
Thermostat Factory Setting	°C	55°C	55°C	55°C	55°C	
Maximum water outlet temp.	°C	80°C	80°C	80°C	80°C	
Water Connections	mm/inch	1"	1.5"	2"	3"	
Compressor Quantity		1	2	3	3	
Water Pump Quantity		0	0	0	0	
Noise	dB(A)	58	60	61	61	
Net Dimension	L	mm	810	1448	2150	2000
	W		780	730	764	900
	H		1000	1060	1286	1920
Packing Size	L	mm	900	1630	2270	2150
	W		870	810	830	1020
	H		1150	1180	1423	2080
Weight	Net Weight	kg	140	280	500	850
	Gross Weight		165	310	558	920

Measuring Conditions	Ambient Temperature		Water Inlet/Outlet Temperature (circulating unit)	
	Dry Bulb	Wet Bulb	Inlet Temp.	Outlet Temp.
	7°C	6°C	30°C	35°C

